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Search Results -

| Terms | Documents |
|-------------------------------|-----------|
| L2 and desacetylcephalosporin | 5 |

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L6

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Search HistoryDATE: Friday, September 06, 2002 [Printable Copy](#) [Create Case](#)

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> result set |
|--|----------------------------------|------------------|-------------------------------|
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i> | | | |
| <u>L6</u> | L2 and desacetylcephalosporin | 5 | <u>L6</u> |
| <u>L5</u> | L2 near10 desacetylcephalosporin | 0 | <u>L5</u> |
| <u>L4</u> | L2 near desacetylcephalosporin | 0 | <u>L4</u> |
| <u>L3</u> | l2 near10 (dna or recombinant) | 1 | <u>L3</u> |
| <u>L2</u> | L1 | 28 | <u>L2</u> |
| <i>DB=USPT; PLUR=YES; OP=ADJ</i> | | | |
| <u>L1</u> | cephalosporin near3 esterase | 28 | <u>L1</u> |

END OF SEARCH HISTORY

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L3: Entry 1 of 1

File: USPT

Feb 9, 1999

US-PAT-NO: 5869309

DOCUMENT-IDENTIFIER: US 5869309 A

TITLE: Cephalosporin esterase gene from *Rhodospiridium toruloides*

| Full | Title |
|------|-------------------------|
| | CLS.1 REF.1 SEQ.1 ATT.1 |

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| 12 near10 (dna or recombinant) | 1 |

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L6: Entry 1 of 5

File: USPT

Apr 30, 1996

US-PAT-NO: 5512454

DOCUMENT-IDENTIFIER: US 5512454 A

TITLE: Enzymatic acylation of 3-hydroxymethyl cephalosporins

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 2. Document ID: US 4533632 A

L6: Entry 2 of 5

File: USPT

Aug 6, 1985

US-PAT-NO: 4533632

DOCUMENT-IDENTIFIER: US 4533632 A

TITLE: Production of a cephalosporin by fermentation

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 3. Document ID: US 4520101 A

L6: Entry 3 of 5

File: USPT

May 28, 1985

US-PAT-NO: 4520101

DOCUMENT-IDENTIFIER: US 4520101 A

TITLE: Production of cephalosporin C

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KIMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|

☐ 4. Document ID: US 4164447 A

L6: Entry 4 of 5

File: USPT

Aug 14, 1979

US-PAT-NO: 4164447

DOCUMENT-IDENTIFIER: US 4164447 A

TITLE: O-Transcarbamoylase

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KIMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|

☐ 5. Document ID: US 4075061 A

L6: Entry 5 of 5File: USPTFeb 21, 1978

US-PAT-NO: 4075061
DOCUMENT-IDENTIFIER: US 4075061 A
TITLE: Method for producing cephalosporins

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | RMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|-----|-----------|-------|

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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
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NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced

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AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

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=> s cephalosporin (3a) esterase

L1 85 CEPHALOSPORIN (3A) ESTERASE

=> s l1 (10a) (dna or recombinant)

L2 6 L1 (10A) (DNA OR RECOMBINANT)

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 5 DUP REM L2 (1 DUPLICATE REMOVED)

=> d 1-5

L3 ANSWER 1 OF 5 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI

AN 2002-00799 BIOTECHDS

TI New direct fermentation process for producing desacetylcephalosporin-C,
involves culturing a strain of Acremonium chrysogenum containing
recombinant nucleic acid encoding Rhodosporidium toruloides
cephalosporin esterase;

desacetylcephalosporin-C production from cephalosporin-C and
cephalosporin esterase

AU Chiang S D; Basch J D

PA Bristol-Squibb

LO Princetown, NJ, USA.

PI WO 2001066767 13 Sep 2001

AI WO 2001-US7417 8 Mar 2001

PRAI US 2000-188033 9 Mar 2000

DT Patent

LA English

OS WPI: 2001-557871 [62]

L3 ANSWER 2 OF 5 WPIDS (C) 20 THOMSON DERWENT
 AN 2001-557871 [62] WPIDS
 DNC C2001-165973
 TI New direct fermentation process for producing desacetylcephalosporin C, involves culturing a strain of Acremonium chrysogenum containing **recombinant** nucleic acid encoding Rhodosporidium toruloides **cephalosporin esterase**.
 DC B02 D16
 IN BASCH, J D; CHIANG, S D
 PA (BRIM) BRISTOL-MYERS SQUIBB CO; (BASC-I) BASCH J D; (CHIA-I) CHIANG S D
 CYC 94
 PI WO 2001066767 A2 20010913 (200162)* EN 54p C12N015-55
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
 NL OA PT SD SE SL SZ TR TZ UG ZW
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
 DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 AU 2001040112 A 20010917 (200204) C12N015-55
 US 2002048781 A1 20020425 (200233) C12P035-00
 ADT WO 2001066767 A2 WO 2001-US7417 20010308; AU 2001040112 A AU 2001-40112
 20010308; US 2002048781 A1 Provisional US 2000-188033P 20000309, US
 2001-801852 20010308
 FDT AU 2001040112 A Based on WO 200166767
 PRAI US 2000-188033P 20000309; US 2001-801852 20010308
 IC ICM C12N015-55; C12P035-00
 ICS C12N001-15; C12N009-18; C12P035-06
 ICI C12R001:75; C12P035-06

L3 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2002 ACS
 AN 1999:100805 HCAPLUS
 DN 130:164018
 TI Cloning and expression of cephalosporin esterase gene from Rhodosporidium toruloides
 IN Politino, Michael; Tonzi, Sean M.; Usher, John J.; Burnett, William V.; Romancik, Guna
 PA Bristol-Myers Squibb Co., USA
 SO U.S., 26 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| US 5869309 | A | 19990209 | US 1997-932376 | 19970917 |

 RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI
 AN 1998-06601 BIOTECHDS
 TI New isolated cephalosporin-esterase gene;
 Rhodosporidium toruloides recombinant enzyme preparation by vector expression in Escherichia coli, Acremonium chrysogenum or Penicillium chrysogenum
 AU Politino M; Tonzi S M; Usher J J; Burnett W V; Romancik G
 PA Bristol-Squibb
 LO Princeton, NJ, USA.
 PI WO 9812345 26 Mar 1998
 AI WO 1997-US16193 11 Sep 1997
 PRAI US 1996-26929 18 Sep 1996
 DT Patent
 LA English
 OS WPI: 1998-230321 [20]

L3 ANSWER 5 OF 5 WPIDS (C) 2002 THOMSON DERWENT
 AN 1992-214125 [26] WPIDS
 DNC C1992-096981
 TI New **DNA** fragment contg. **cephalosporin C** acetyl **esterase** gene - uses transformed Acremonium chrysogenum to improve

de acetyl cephalosporin pro
DC B04 D16
PA (ASAH) ASahi CHEM IND CO LTD
CYC 1
PI JP 04144688 A 19920519 (199226)* 12p C12N015-55
ADT JP 04144688 A JP 1990-268296 19901008
PRAI JP 1990-268296 19901008
IC ICM C12N015-55
ICA C12N009-16
ICI C12N015-55, C12R001:645; C12N009-16, C12R001:645

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